



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

91234-3

Date of Issuance:

7/28/15

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Kylix G Lawn Care

Name and Address of Registrant (include ZIP Code):

Brooke Hedrick  
SynTelus, LLC  
1204 Village Market Place, #273  
Morrisville, NC 27560

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Venus Eagle, Product Manager 01  
Invertebrate and Vertebrate Branch 3, Registration Division  
(7505P)

Date:

7/28/15

2. You are required to comply with the data requirements described in the DCI or EDSP Order identified below:
  - a. Clothianidin GDCI-044309-1185
  - b. Bifenthrin GDCI 128825-902
  - c. Bifenthrin EDSP-128825

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Order listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

[http://www.epa.gov/oppsrrd1/contacts\\_prd.htm](http://www.epa.gov/oppsrrd1/contacts_prd.htm)

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 91234-3.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 03/30/2015

If you have any questions, please contact Marianne Lewis by phone at (703) 308-8043, or via email at [lewis.marianne@epa.gov](mailto:lewis.marianne@epa.gov).

Enclosure

# KYLIX G LAWN CARE INSECTICIDE

<b>GROUP</b>	<b>4A</b>	<b>INSECTICIDE</b>
<b>GROUP</b>	<b>3</b>	<b>INSECTICIDE</b>

For contact and systemic insect pest control in lawns and landscape ornamentals around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, and athletic fields.

Not for use on sod farms or golf courses.

**ACTIVE INGREDIENT:**

Clothianidin*	0.250%
Bifenthrin**	0.125%
<b>OTHER INGREDIENTS</b>	<u>99.625%</u>
<b>TOTAL:</b>	<b>100.000%</b>

\* (E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine.

\*\* 2-methylbiphenyl-3-ylmethyl (1 RS,3RS)-3-[(Z)-2-chloro-3,3,3-trifluoroprop-1-enyl]-2,2-dimethylcyclopropanecarboxylate (cis isomers 97% minimum, trans isomers 3% maximum)

## KEEP OUT OF REACH OF CHILDREN CAUTION

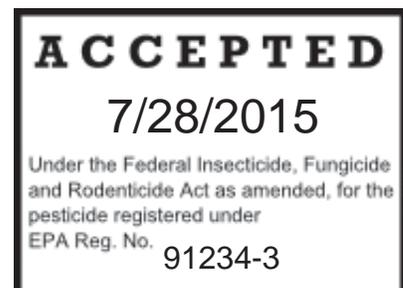
See inside booklet for additional precautionary statements

FIRST AID	
<b>If In Eyes</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye</li> <li>Call a poison control center or doctor for treatment advice</li> </ul>
<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice</li> <li>Have person sip a glass of water if able to swallow</li> <li>Do not induce vomiting unless told by the poison control center or doctor</li> <li>Do not give anything by mouth to an unconscious person</li> </ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes</li> <li>Call a poison control center or doctor for treatment advice</li> </ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>Move person to fresh air</li> <li>If person is not breathing, call 911 or ambulance, then give artificial respiration preferably mouth-to-mouth, if possible</li> <li>Call a poison control center or doctor for further treatment advice</li> </ul>
<p><b>NOTE TO PHYSICIAN:</b> This pesticide contains a pyrethroid. If significant quantities have been swallowed, promptly eliminate the ingested quantities from the stomach and intestines. Treatment is symptomatic and supportive. Alcohol, milk, cream, and other digestible fats and oils should NOT be administered as they may increase absorption.</p>	
<b>HOT LINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-844-685-9173 for emergency medical treatment information.</p> <p><b>FOR CHEMICAL EMERGENCY:</b> Spill, leak, fire, exposure, or accident call CHEMTREC at 1-800-434-9300 or 1-703-527-3887 if calling from outside of the U.S.</p>	

EPA Reg. No. 91234-

EPA Est. No.

**NET CONTENTS:**  
**Manufactured For:**  
 SynTelus, LLC  
 1204 Village Market Place, #273  
 Morrisville, NC 27560



## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing spray mist or vapor. Avoid contact with skin, eyes, or clothing.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- shoes plus socks
- chemical-resistant gloves: barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride, or viton
- protective eyewear

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing: As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply where runoff is likely to occur.

This product is toxic to bees exposed to treatment and for more than 5 days following treatment. Do not apply this product to blooming, pollen-shedding or nectar-producing parts of plants if bees may forage on the plants during this time period, unless the application is made in response to a public health emergency declared by appropriate state or federal authorities.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Carefully read and understand the Directions for Use and restrictions before applying this product.

Do not apply this product in any way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### RESTRICTIONS:

Do not apply on the following: commercial nurseries, commercial greenhouses, grass grown for seed, golf courses and sod farms.

Keep children and pets out of treated areas until the dust from the application has settled.

Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not water to the point of run-off.

Do not make applications during rain.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

**DO NOT APPLY** more than a total of 160 lb of **KYLIX G Lawn Care** (0.4 lb of clothianidin active ingredient, 0.2 lb bifenthrin active ingredient) per acre per year.

**Apply using ground equipment only; do not apply by air.**

#### **USE INFORMATION**

**KYLIX LC G** is a broad spectrum, long lasting contact and systemic insecticide for control of listed insects infesting lawns and ornamentals in landscapes and surrounding areas. **KYLIX G Lawn Care** can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, cemeteries, and arboretums.

#### **RESISTANCE MANAGEMENT**

The active ingredients in **KYLIX G Lawn Care** are clothianidin, a Group 4A insecticide, and bifenthrin a Group 3 insecticide. Insect biotypes with acquired resistance to Group 4A or Group 3 insecticides may eventually dominate the insect population if Group 4A or Group 3 insecticides are used alone or repeatedly in the same site or in successive years as the primary method of control for targeted species. **KYLIX G Lawn Care** contains two active ingredients with different modes of action and provides a recognized built in insecticide resistance management strategy to minimize the development of insecticide resistance in insect pests.

To delay insecticide resistance in insects that are at risk of developing resistance to insecticides consider:

- Avoid the consecutive use of insecticides in the same group on the same insect species.
- Use tank-mixtures or pre-mixes of insecticides from a different target site of action.
- Base insecticide use on a comprehensive IPM program.
- Monitor treated insect populations for loss of field efficacy.
- Contact your State Agricultural Experiment Station, State Extension Specialists, other lawn experts and/or SynTelus, LLC for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.
- For further information or to report suspected resistance, you may contact SynTelus, LLC at 1-984-664-9804.

#### **APPLICATION EQUIPMENT**

Apply **KYLIX G Lawn Care** uniformly over the area being treated with standard granular application equipment. Use either drop-type or rotary-type spreaders to apply **KYLIX G Lawn Care**.

Do not use spreaders that apply the material in narrow, concentrated bands. Calibrate application equipment prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately. In order to insure continuing delivery of the correct amount of **KYLIX G Lawn Care** further adjustments to the settings should be made periodically during application.

#### **APPLICATION INSTRUCTIONS**

##### **TURFGRASS, LAWNS, AND LANDSCAPED AREAS**

**KYLIX G Lawn Care** can be used for broad spectrum insect control in lawns. **KYLIX G Lawn Care** can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, cemeteries, and arboretums.

**KYLIX G Lawn Care** has sufficient contact and residual activity to provide high levels of control. The need for an application can be based on historical monitoring of the presence of or anticipated occurrence of individual or multiple insect pest species, the site, previous records or experiences, current season adult trapping or other methods. Optimum control of white grubs will be achieved when applications are made just prior to egg laying or to early instar larvae of target pests, followed by sufficient irrigation or rainfall to move the active ingredient into the zone where the insect pests are active. Applications made in advance of egg laying or to areas being damaged by existing white grubs or scavenging animals will be controlled with applications of **KYLIX G Lawn Care** anytime white grubs are active. Multiple applications can be made each growing season but do not use more than 160 lb of product (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year.

You may also use additional products containing bifenthrin as long as the maximum amount of bifenthrin does not exceed 0.4 lb active ingredient per acre per year.

**KYLIX G Lawn Care** can be applied to turf at 80-160 lb per acre per year (1.8 - 3.6 lb/1,000 sq ft). The rate is dependent on the target pest(s), their stage of development and the desired level of control. Optimum control of white grubs (larvae) will be achieved when applications are made just prior to or just after peak egg laying. Use higher rates when long residual control is desired for control of multiple insect pests or late season curative (rescue) applications are made to lawns already showing grub damage or damage due to scavenging of animals. Multiple applications can be made but do

not exceed the maximum amount per year (160 lb of **KYLIX G Lawn Care** (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year or 3.6 lb/1,000 sq ft/year).

Consult your local State Agricultural Experiment Station, State Extension Turf Specialists or other lawn experts for specific information concerning the timing of applications.

For early season control of listed insect pests (such as annual bluegrass weevil) and for full season control of white grubs, make the first application of **KYLIX G Lawn Care** at peak adult activity or when other insect pests reach a damaging population in the spring at a rate of 100 - 160 lb per acre (2.3 - 3.6 lb/1,000 sq ft). For control of white grubs at standard application timing, apply 80-160 lb per acre (1.8-3.6 lb/1,000 sq ft) just prior peak adult activity or to early instar larvae.

For listed surface insects, do not water in **KYLIX G Lawn Care** for at least 24 hours after the application. If target insects are in the thatch, lightly water in after application with enough water to wet the thatch zone. For control of armyworms, cutworms and other surface feeders, apply 80-160 lb per acre (1.8 - 3.6 lb/1,000 sq ft) at the first sign of insects or insect damage.

Repeat applications up to a total of 160 lb product/A per year (3.6 lb product/1,000 sq ft per year) to control additional flushes of insects. Up to a total of 160 lb of **KYLIX G Lawn Care** (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year (3.6 lb/1,000 sq ft/year) can be applied.

For control of existing grub populations, irrigate after application with enough water to move the insecticide into the zone where the grubs are feeding.

Do not mow until after irrigation or rainfall has occurred so that uniformity of application will not be affected.

TURFGRASS AND LAWNS	
APPLICATION RATE	INSECT PEST
1.8 - 3.6 lb per 1,000 sq ft (80 - 160 lb/A)	Annual Bluegrass Weevil/Hyperodes (Adults) <sup>1</sup> Annual Bluegrass Weevil/Hyperodes (Larvae) <sup>1</sup> Ants <sup>2</sup> , Nuisance (Excluding fire, harvester, pharaoh, and carpenter ants) Armyworms Billbugs <sup>3</sup> Black Turfgrass Ataenius <sup>4</sup> Chiggers Chinch Bugs Cutworms European Crane Fly Grasshoppers Leafhoppers Mole Crickets <sup>5</sup> Pillbugs Sod webworms Sowbugs Spittle bug Sugarcane grub White grubs <sup>8</sup> (Asiatic Garden Beetle, European Chafer, Green June Beetle, Japanese Beetle, Northern Masked Chafer, <i>Phyllophaga</i> spp. (May or June Beetle), Oriental Beetle, Southern Masked Chafer)
3.2 lb per 1,000 sq ft (137 lb/A)	Ticks <sup>7</sup>
2.3 - 3.6lb/1,000 sq ft (100 -160 lb/A)	[Fire Ants, Red Imported] <sup>8</sup>

<sup>1</sup> **Annual Bluegrass Weevil:** Application can be timed for adult weevils as they move from their over-wintering sites into turf. This movement usually begins before or when Forsythia is in full bloom and continues to full bloom of dogwoods. Larvae from adult weevils that escape the application will be controlled with the application directed at adult weevils. Applications made after adult weevil activity will control larvae. Consult your State Cooperative Extension Service for more specific information regarding timing of application. Full season control of white grubs will be obtained with an application of 100 - 160 lb/Acre targeted towards Annual Bluegrass Weevil/Hyperodes.

<sup>2</sup> **Applications of KYLIX G Lawn Care in the late fall or early spring will reduce populations of nuisance ants (excluding fire, harvester, pharaoh and carpenter ants.).** Make an application in the fall before ants stop foraging or after they become active in the spring. Make a broadcast application and lightly water in to wet the turf and thatch area where ants are foraging.

<sup>3</sup> **Billbugs:** Application can be made when adult Billbugs are first observed, usually in April and May in temperate regions. A spring application will also control Billbug larvae. Consult your State Cooperative Extension Service for more specific information regarding timing of application. White grubs will be controlled with an application targeted towards Billbugs.

<sup>4</sup> **Black Turfgrass Ataenius:** Application can be timed to coincide with the first generation of Black Turfgrass Ataenius that usually appears during May. White grubs will be controlled with an application targeted towards Black Turfgrass Ataenius.

<sup>5</sup> **Mole Crickets:** Apply during peak adult flight and egg lay. If the soil is dry, irrigate before application to stimulate insect activity and water after application to release the insecticide from the granule carrier.

<sup>6</sup> **White Grubs:** Apply when white grubs are active from early spring to late fall. The residual activity of **KYLIX G Lawn Care** is long enough to provide season long control of white grubs when applied for control of early season insects such as Annual Bluegrass Weevil, Billbugs, and Nuisance Ants, overwintering White Grubs or other early season insects.

<sup>7</sup> **Ticks (including ticks that may transmit Lyme Disease and Rocky Mountain Spotted Fever):**

Treat the entire area where exposure to ticks may occur. Ticks may be reintroduced from surrounding areas on host animals.

**Deer Ticks (Ixodes sp.):** Apply late fall and/or early spring to control adult ticks that are usually located on brush or grass above the soil surface and in mid- to late spring to control larvae and nymphs that reside in the soil and leaf litter.

**American Dog Ticks (Dermacentor sp.):** These ticks commonly congregate along paths or roadways where humans are likely to be encountered. Apply from mid-spring to early fall to control American dog tick larvae, nymphs and adults.

<sup>8</sup> **Imported Fire Ants:** Broadcast applications at 100 - 160 lb/A will control foraging workers. If the soil is not moist, irrigate before application. To activate the granules immediately, water in with a light (0.25 inches) irrigation to release the toxicant from the granules.

**For mound treatments,** use 2.3 - 3.6 lb/1,000 sq ft (use 0.7 oz per mound when applied to a four ft diameter circle) KYLIX G Lawn Care. This product will work best when the mound has been disturbed and the fire ants are mobile. Then drench in with 1 - 2 gallons of water.

Apply in cool weather (65 - 80° F) or in early morning or late evening hours when most of the foraging workers are in the colony.

**RESTRICTIONS**

- Do not apply more than a total of 160 lb of **KYLIX G Lawn Care** (0.4 lb of clothianidin ai, 0.2 lb of bifenthrin ai) per acre per year.
- If the maximum season limit of **KYLIX G Lawn Care** has been applied and pest populations require additional treatments, use another pesticide labeled for control of the targeted insects that does not contain clothianidin. You may use additional products containing bifenthrin as long as the maximum amount of bifenthrin does not exceed 0.4 lb active ingredient per acre per year.

When treating perimeters of structures, make the application to the ground from 5 - 10 feet adjacent to the structure.

**FOR PERIMETER APPLICATIONS**

Appl. Rate: Lb/1,000 sq ft	Band Width in Feet	Lb of KYLIX G Lawn Care / Linear Distance (Feet) Around Structure							
		100	150	200	250	300	400	500	1,000
1.8	5	1	1.5	2	2.5	3	4	5	10
1.8	10	2	3	4	5	6	8	10	20
2.8	5	1.4	2	2.8	3.5	4.2	5.6	7	14
2.8	10	3	4.5	6	7.5	9	12	15	30
3.6	5	2	3	4	5	6	8	10	20
3.6	10	3.6	5.4	7.2	9	10.8	14.4	18	36

**NOTE:** This table provides amounts which include the total area to be treated. This area includes the area of a circle whose radius is the bandwidth (this accounts for the area treated at the four corners of the structure) plus the linear distance treated times the bandwidth.

Spreader	Granular Spreader Settings		
	2 lb/1,000 sq ft	3 lb/1,000 sq ft	4 lb/1,000 sq ft
Cyclone	3	4	4 ¼
Lely	3 II	4 II	5 II
Lesco	10	15	16

Scotts R8A/SR – 1	I	K	L
Spyker	3	3 ½	4 ¼
Vicon	20	22	23

**Note:** Spreader settings are approximate starting points for calibrating equipment.

**APPLICATION INSTRUCTIONS - LANDSCAPE ORNAMENTALS**

**KYLIX G Lawn Care** is a broad spectrum, contact and long lasting systemic insect control product for a wide spectrum of insects infesting landscape ornamentals adjacent to turf areas. **KYLIX G Lawn Care** can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, cemeteries, and arboretums.

For control of listed surface insects and insects that crawl along the surface of the soil or mulch under ornamentals, water in lightly after application to move the insecticide into the areas where insects are active. Following application, water in with enough irrigation or rainfall to move the active ingredient into the zone where the target insects are active. Soil surface applications will provide control of foliage feeding insects; however, optimum control will not be achieved until the active ingredient is taken up by the plant roots and translocated to the area where insects are feeding.

<b>LANDSCAPE ORNAMENTALS - SOIL INSECT PEST</b>			
<b>SOIL SURFACE or MULCH APPLICATION</b>	<b>SOIL INSECT PEST CONTROLLED</b>		<b>APPLICATION INSTRUCTIONS</b>
1.8 - 3.6 lb per 1,000 sq ft (80-160 lb/A)	Ants, Nuisance (Excluding fire, harvester, pharaoh, and carpenter ants) Beet Armyworm Beetles Black Vine Weevils (Adults) Centipedes Crickets Diaprepes (Adults) Earwigs Fall Armyworms Grasshoppers Millipedes	Pillbugs White grubs (Asiatic Garden Beetle, European Chafer, Green June Beetle, Japanese Beetle, Northern Masked Chafer, Phyllophaga spp. (May or June Beetle), Oriental Beetle, Southern Masked Chafer)	KYLIX G Lawn Care must be watered in or receive rainfall after application to be activated. Control of leaf feeding insects will be delayed until the insecticide is taken up by the roots and moved into the areas where insects are feeding, usually 2-4 weeks. For trees and woody shrubs see below.

**LANDSCAPE ORNAMENTALS - ABOVE GROUND INSECT PEST**

<b>SOIL SURFACE or MULCH APPLICATION</b>	<b>ABOVE GROUND INSECT PEST CONTROLLED</b>		<b>APPLICATION INSTRUCTIONS</b>
3 - 3.6 lb per 1,000 Sq ft (132-160 lb/A)	Aphids Azalea lace bug Caterpillars Flea Beetles Florida wax scale Glassy winged sharpshooter Gypsy Moth Caterpillars Japanese Beetles (Adults)	Leafhoppers Leafminers Leafrollers Mealybugs Plant Bugs (incl. Lygus spp) Root Weevils (incl. Black Vine Weevils) Scales, Soft Whiteflies	KYLIX G Lawn Care must be watered in or receive rainfall after application to be activated. Control of leaf feeding insects will be delayed until the insecticide is taken up by the roots and moved into the areas where insects are feeding, usually 2 – 4 weeks. For trees and woody shrubs see below.

**RESTRICTION**

- Do not apply more than a total of 160 lb of **KYLIX G Lawn Care** as a broadcast application (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year.
- If the maximum season limit of **KYLIX G Lawn Care** has been applied and pest populations require additional treatments, use another pesticide labeled for control of the targeted insects that does not contain clothianidin. You may use additional products containing bifenthrin as long as the maximum amount of bifenthrin does not exceed 0.4 lb active ingredient per acre per year.

**APPLICATION INSTRUCTIONS -  
ORNAMENTAL TREES, NON-BEARING FRUIT AND NUT TREES, AND WOODY SHRUBS IN LANDSCAPE AREAS  
ADJACENT TO TURF AREAS**

**KYLIX G Lawn Care** can be used for systemic control of insects with an application on trees in landscapes adjacent to turf areas.

**KYLIX G Lawn Care** contains clothianidin which is systemic and will be translocated throughout the tree or shrub. Treat the area over the root zone of the trees/shrubs or apply the insecticide around the "root well" of the plant.

**KYLIX G Lawn Care** is a systemic product and will be translocated upward into the plant system from root uptake. It must be placed in an area where the roots can absorb the active ingredient. It may take 2-4 weeks for the active ingredient to move from root zone to the areas of the trees affected. If insect pests are already present and causing damage, consider making a foliar application and then follow up with granule application. Following application, water in after application with enough water to move the insecticide into the root zone of the trees.

For trees and shrubs adjacent to turf areas use 0.4.- 0.8 lb **KYLIX G Lawn Care** per inch of cumulative trunk diameter (DBH) of the plant(s). For hedges and shrubs, use 0.5 - 1.0 lb product per foot of height or 5 - 10 lbs product per 10 cumulative ft of height. Before application remove any plastic or other barriers that may prevent the insecticide from reaching the root zone of the plants. For treatment of individual trees or shrubs, broadcast **KYLIX G Lawn Care** evenly on the soil around the base of the plants within 18 inches of the trunks. Pull back mulch prior to application if mulch is more than 1 inch thick. Irrigate after application with enough water to dissolve granules and move product into the root zone.

For Bronze Birch Borers, Flatheaded Borers (excluding Emerald Ash Borer) and other Borers (excluding Asian Longhorned Beetles): Make an application around the trunk of the trees when the trees are actively growing. Use 0.2 - 0.4 lb **KYLIX G Lawn Care** per inch DBH in a 1 - 2 ft area around the trunk of the trees.

**RESTRICTIONS**

• **DO NOT APPLY** more than a total of 160 lb of **KYLIX G Lawn Care** (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry place away from excessive heat. Do not store near food, feed, fertilizers, seeds, or other pesticides. Keep this product out of reach of children and animals at all times. Store in original container only. Open the product container carefully and after use, seal tightly.

**To contain a spill:** Cover the spilled product to prevent the material from spreading. If the product container is damaged, place the entire container along with the product in a secure receptacle and clearly label the contents.

**PESTICIDE DISPOSAL:** To avoid waste, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

**CONTAINER DISPOSAL:**

**Non-refillable container:** Do not reuse or refill this container.

**Paper and plastic bags:** Completely empty bag into application equipment. Offer for recycling, if available, or dispose of in a sanitary landfill. **FOR 24-HOUR CHEMICAL EMERGENCY (Spill, Leak, Fire or Accident) ASSISTANCE: Call CHEMTREC at 1-800-424-9300.**